

WHAT IS CLAIMED IS:

1. A device for applying a product, the device comprising:

a first portion;

a second portion moveable with respect to the first portion so as to selectively place the device in one of a closed position and an open position, wherein the first portion and the second portion define a substantially closed reservoir when the device is in the closed position; and

an application member, the application member being at least partially compressible and configured such that, when the device is in the closed position, the application member is at least partially compressed inside the substantially closed reservoir and, when the device is moved from the closed position to the open position, the application member becomes substantially uncompressed,

wherein the application member is configured so that when the application member is uncompressed, the application member is capable of being loaded with substantially all of an amount of product that the device is capable of containing.

2. The device of claim 1, wherein the application member is attached to the second portion.

3. The device of claim 2, wherein the application member is attached to the second portion by at least one of bonding, welding and clipping.

4. The device of claim 1, wherein the application member comprises a compressible porous material.

5. The device of claim 4, wherein the application member is made of at least one of an open-cell foam, a semi-open-cell foam, a felt, and a frit.

6. The device of claim 4, wherein the application member is made from a material chosen from polyurethanes, polyesters, polyethers, polyvinyl chlorides, and ethylene vinyl acetates.

7. The device of claim 4, wherein the porous material is one of hydrophilic and lipophilic.

8. The device of claim 1, wherein the application member comprises an additive capable of absorbing at least one of water and oil.

9. The device of claim 1, wherein the application member comprises a preservative.

10. The device of claim 1, wherein the first portion defines a recess.

11. The device of claim 10, wherein the substantially closed reservoir comprises the recess and at least a part of the second portion.

12. The device of claim 10, wherein the first portion comprises a housing portion defining the recess.

13. The device of claim 1, wherein the first portion comprises at least one of a metallic material, a metalloplastic complex, and a thermoplastic material.

14. The device of claim 13, wherein the metallic material comprises aluminum.

15. The device of claim 13, wherein the thermoplastic material is chosen from polyethylenes, polypropylenes, polyethylene terephthalates, polyvinyl chlorides, polyacrylates, and polyamides.

16. The device of claim 1, wherein the first portion is made by one of pressing, thermoforming, and injection molding.

17. The device of claim 1, wherein the second portion is attached to the first portion.

18. The device of claim 17, wherein the second portion is one of clipped, screwed, and hinged to the first portion.

19. The device of claim 1, wherein the second portion comprises a lid.

20. The device of claim 19, wherein the lid is formed by molding a thermoplastic material.

21. The device of claim 20, wherein the thermoplastic material is chosen from polyethylenes, polypropylenes, polyethylene terephthalates, polyvinyl chlorides, and polyamides.

22. The device of claim 1, wherein the second portion comprises a film seal formed of at least one layer of at least one of a thermoplastic material, a metallic material, and a metalloplastic complex.

23. The device of claim 22, wherein the thermoplastic material is chosen from polyethylenes, polypropylenes, polyethylene terephthalates, and polyvinyl chlorides.

24. The device of claim 22, wherein the metallic material is chosen from aluminums, aluminum alloys, and brasses.

25. The device of claim 22, wherein the application member is attached to the second portion.

26. The device of claim 25, wherein the film seal has a flexibility such that it is configured to deform with the application member during application of product to a surface.

27. The device of claim 22, wherein the film seal is attached to the first portion by one of hot bonding, cold bonding, and welding.

28. The device of claim 22, wherein the film seal is attached to the first portion by one of a line of welding and a line of adhesive that substantially continuously surrounds the application member.

29. The device of claim 1, wherein the first portion and the second portion each comprise a sheet.

30. The device of claim 29, wherein each sheet comprises at least one layer made of at least one of a thermoplastic material, a metallic material, and a metalloplastic complex.

31. The device of claim 30, wherein the thermoplastic material is chosen from polyethylenes, polypropylenes, polyethylene terephthalates, and polyvinyl chlorides.

32. The device of claim 30, wherein the metallic material is chosen from aluminums, aluminum alloys, and brasses.

33. The device of claim 29, wherein the sheets are superposed and attached together along their respective peripheral regions.

34. The device of claim 33, wherein the sheets form a sachet.

35. The device of claim 33, wherein the device is placed in the open position by separating the first portion and the second portion from one another.

36. The device of claim 1, further comprising a product contained in the device.

37. The device of claim 36, wherein the product is contained in the substantially closed reservoir when the device is in the closed position.

38. The device of claim 36, wherein the product is chosen from a make-up product and a care product.

39. The device of claim 38, wherein the product is a cosmetic product.

40. The device of claim 36, wherein the product is intended for application to at least one of skin, hair, a fingernail, and a toenail.

41. The device of claim 36, wherein the product comprises one of a liquid, a gel, a cream, and a powder.

42. An application system comprising:

a plurality of the devices of claim 1.

43. The system of claim 42, wherein the plurality of devices are removably joined together.

44. The system of claim 43, wherein the plurality of devices are joined together by at least one frangible portion.

45. The system of claim 42, wherein each of the plurality of devices contains a product intended for application to a surface.

46. The system of claim 45, wherein each of the plurality of devices contains differing products.

47. The system of claim 45, wherein each of the plurality of devices contains substantially the same product.

48. The system of claim 45, wherein the product is intended for application to one of hair, skin, a fingernail, and a toenail.

49. The system of claim 45, wherein the product is chosen from a make-up product and a care product.

50. The system of claim 49, wherein the product is a cosmetic product.

51. The system of claim 45, wherein the product comprises one of a liquid, a gel, a cream, and a powder.

52. An application system comprising:

the device of claim 1; and

a container configured to contain a product intended to be disposed in the device.

53. The system of claim 52, wherein the container is configured to contain an amount of product greater than the amount of product the device is capable of containing.

54. The system of claim 52, wherein the device is removably attachable to the container.

55. The system of claim 52, wherein the container contains the product intended to be disposed in the device.

56. The system of claim 55, wherein the product is chosen from a make-up product and a care product.

57. The system of claim 56, wherein the product is a cosmetic product.

58. The system of claim 55, wherein the product is intended for application to one of skin, hair, a fingernail, and a toenail.

59. The system of claim 55, wherein the product comprises one of a liquid, a gel, a cream, and a powder.

60. A method for applying a product to a surface, the method comprising:
providing the device of claim 1, wherein the device contains a product intended to be applied to a surface;
moving the device from the closed position to the open position; and
placing the application member in contact with the surface so as to apply product loaded on the application member to the surface.

61. The method of claim 60, wherein the product is chosen from a make-up product and a care product.

62. The method of claim 61, wherein the product is a cosmetic product.

63. The method of claim 60, wherein the product comprises one of a liquid, a gel, a cream, and a powder.

64. The method of claim 60, wherein the placing of the application member in contact with the surface comprises placing the application member in contact with one of hair, skin, a fingernail, and a toenail.

65. The method of claim 60, wherein the placing of the application member in contact with the surface comprises applying substantially all of the product loaded on the application member to the surface.

105725.1017-00000

66. The method of claim 60, further comprising at least partially filling the device with the product.

67. The method of claim 66, wherein the filling of the device with the product is performed by other than a user of the device.

68. The method of claim 66, wherein the filling of the device with the product is performed by the user of the device.

69. The method of claim 66, further comprising at least partially refilling the device with product after the applying of the product to the surface.

70. The device of claim 1, wherein the application member is at least partially absorbent.

71. A device for applying a product, the device comprising:

- a first portion comprising an impermeable surface;
- a second portion moveable with respect to the first portion so as to selectively place the device in one of a closed position and an open position, wherein, in the closed position, the first portion and the second portion define a substantially closed reservoir configured to contain product intended for application to a surface; and
- an application member attached to the second portion, the application member being at least partially compressible and configured to be in contact with the impermeable surface and at least partially compressed inside the substantially closed reservoir when the device is in the closed position.

72. The device of claim 71, wherein, when the device is moved from the closed position to the open position, the application member becomes substantially uncompressed.

73. The device of claim 71, wherein the application member is configured to absorb at least some of the product the reservoir is configured to contain.

74. The device of claim 73, wherein the application member is configured to absorb substantially all of the product the reservoir is configured to contain.

75. The device of claim 74, wherein the application member is configured to absorb at least some of the product the reservoir is configured to contain when the device is in the closed position, and wherein the application member is further configured to absorb substantially any remaining product in the reservoir when the device is moved from the closed position to the open position.

76. The device of claim 75, wherein the application member is configured to absorb the remaining product via expansion of the application member from the at least partially compressed configuration to a substantially uncompressed configuration.

77. The device of claim 71, wherein the application member is attached to the second portion by at least one of bonding, welding or clipping.

78. The device of claim 71, wherein the application member comprises a compressible porous material.

79. The device of claim 78, wherein the application member is made of at least one of an open-cell foam, a semi-open-cell foam, a felt, and a frit.

80. The device of claim 78, wherein the application member is made from a material chosen from polyurethanes, polyesters, polyethers, polyvinyl chlorides, and ethylene vinyl acetates.

81. The device of claim 78, wherein the porous material is one of hydrophilic and lipophilic.

82. The device of claim 71, wherein the application member comprises an additive capable of absorbing at least one of water and oil.

83. The device of claim 71, wherein the application member comprises a preservative.

84. The device of claim 71, wherein the first portion defines a recess.

85. The device of claim 84, wherein the substantially closed reservoir comprises the recess and at least a part of the second portion.

86. The device of claim 84, wherein the first portion comprises a housing portion defining the recess.

87. The device of claim 71, wherein the first portion is made of at least one of a metallic material, a metalloplastic complex, and a thermoplastic material.

88. The device of claim 87, wherein the metallic material comprises aluminum.

89. The device of claim 87, wherein the thermoplastic material is chosen from polyethylenes, polypropylenes, polyethylene terephthalates, polyvinyl chlorides, polyacrylates, and polyamides.

90. The device of claim 71, wherein the first portion is made by one of pressing, thermoforming, and injection molding.

91. The device of claim 71, wherein the second portion is attached to the first portion.

92. The device of claim 91, wherein the second portion is one of clipped, screwed, and hinged to the first portion.

93. The device of claim 71, wherein the second portion comprises a lid.

94. The device of claim 93, wherein the lid is formed by molding a thermoplastic material.

95. The device of claim 94, wherein the thermoplastic material is chosen from polyethylenes, polypropylenes, polyethylene terephthalates, polyvinyl chlorides, and polyamides.

96. The device of claim 71, wherein the second portion comprises a film seal formed of at least one layer of at least one of a thermoplastic material, a metallic material, and a metalloplastic complex.

97. The device of claim 96, wherein the thermoplastic material is chosen from polyethylenes, polypropylenes, polyethylene terephthalates, and polyvinyl chlorides.

98. The device of claim 96, wherein the metallic material is chosen from aluminums, aluminum alloys, and brasses.

99. The device of claim 96, wherein the film seal has a flexibility such that it is configured to deform with the application member during application of product to a surface.

100. The device of claim 96, wherein the film seal is attached to the first portion by one of hot bonding, cold bonding, and welding.

101. The device of claim 96, wherein the film seal is attached to the first portion by one of a line of welding and a line of adhesive that substantially continuously surrounds the application member.

102. The device of claim 71, wherein the first portion and the second portion each comprise a sheet.

103. The device of claim 102, wherein each sheet comprises at least one layer made of at least one of a thermoplastic material, a metallic material, and a metalloplastic complex.

104. The device of claim 103, wherein the thermoplastic material is chosen from polyethylenes, polypropylenes, polyethylene terephthalates, and polyvinyl chlorides.

105. The device of claim 104, wherein the metallic material is chosen from aluminums, aluminum alloys, and brasses.

106. The device of claim 102, wherein the sheets are superposed and attached together along their respective peripheral regions.

107. The device of claim 106, wherein the sheets form a sachet.

108. The device of claim 106, wherein the device is placed in the open position by separating the first portion and the second portion from one another.

109. The device of claim 71, further comprising a product contained in the reservoir.

110. The device of claim 109, wherein the product is chosen from a make-up product and a care product.

111. The device of claim 110, wherein the product is a cosmetic product.

112. The device of claim 109, wherein the product is intended for application to at least one of skin, hair, a fingernail, and a toenail.

113. The device of claim 109, wherein the product comprises one of a liquid, a gel, a cream, and a powder.

114. An application system comprising:
a plurality of the devices of claim 71.

115. The system of claim 114, wherein the plurality of devices are removably joined together.

116. The system of claim 115, wherein the plurality of devices are joined together by at least one frangible portion.

117. The system of claim 114, wherein each of the plurality of devices contains a product intended for application to a surface.

118. The system of claim 117, wherein each of the devices contains a differing product.

119. The system of claim 117, wherein each of the devices contains substantially the same product.

120. The system of claim 117, wherein the product is intended for application to one of hair, skin, a fingernail, and a toenail.

121. The system of claim 117, wherein the product is chosen from a make-up product and a care product.

122. The system of claim 121, wherein the product is a cosmetic product.

123. The system of claim 117, wherein the product comprises one of a liquid, a gel, a cream, and a powder.

124. An application system comprising:

the device of claim 71; and

a container configured to contain a product intended to be disposed in the reservoir.

125. The system of claim 124, wherein the container is configured to contain an amount of product greater than an amount of product the reservoir is configured to contain.

126. The system of claim 124, wherein the device is removably attachable to the container.

127. The system of claim 124, wherein the container contains the product intended to be disposed in the reservoir.

128. The system of claim 127, wherein the product is chosen from a make-up product and a care product.

129. The system of claim 128, wherein the product is a cosmetic product.

PCT/US2014/057250

130. The system of claim 127, wherein the product is intended for application to one of skin, hair, a fingernail, and a toenail.

131. The system of claim 127, wherein the product comprises one of a liquid, a gel, a cream, and a powder.

132. A method for applying a product to a surface, the method comprising:
providing the device of claim 71 wherein the reservoir contains a product intended to be applied to a surface;
moving the device from the closed position to the open position; and
placing the application member in contact with the surface so as to apply at least some of the product to the surface.

133. The method of claim 132, wherein the product is chosen from a make-up product and a care product.

134. The method of claim 133, wherein the product is a cosmetic product.

135. The method of claim 132, wherein the product comprises one of a liquid, a gel, a cream, and a powder.

136. The method of claim 132, wherein the placing of the application member in contact with the surface comprises placing the application member in contact with one of hair, skin, a fingernail, and a toenail.

137. The method of claim 132, wherein the placing of the application member in contact with the surface comprises applying substantially all of the product contained in the reservoir to the surface.

138. The method of claim 132, wherein the moving of the device from the closed position to the open position comprises expanding the application member from the at least partially compressed configuration to a substantially uncompressed configuration.

139. The method of claim 138, wherein the application member is configured to absorb at least some of the product disposed in the reservoir when the device is in the closed position, and wherein the expanding of the application member permits the application member to absorb substantially all of any remaining of product in the reservoir.

140. The method of claim 132, further comprising at least partially filling the reservoir with the product.

141. The method of claim 140, wherein the filling of the reservoir with the product is performed by other than a user of the device.

142. The method of claim 140, wherein the filling of the reservoir with the product is performed by the user of the device.

143. The method of claim 140, further comprising at least partially refilling the reservoir with product after the applying of the product to the surface.

144. A device for applying a product, the device comprising:
a first portion comprising an impermeable surface;
a second portion moveable with respect to the first portion so as to selectively place the device in one of a closed position and an open position, wherein, in the closed position, the first portion and the second portion define a substantially closed reservoir;
an application member attached to the second portion, the application member being at least partially compressible and configured such that, when the device is in the closed position, the application member is at least partially compressed inside the substantially closed reservoir,
wherein the reservoir contains a layer of product intended to be applied to a surface, the layer of product contacting both the application member and the impermeable surface.

145. The device of claim 144, wherein, when the device is moved from the closed position to the open position, the application member becomes substantially uncompressed.

146. The device of claim 144, wherein the application member is configured to absorb at least some of the product contained in the reservoir.

147. The device of claim 146, wherein the application member is configured to absorb substantially all of the product contained in the reservoir.

148. The device of claim 147, wherein the application member is configured to absorb at least some of the product contained in the reservoir when the device is in the closed position, and wherein the application member is further configured to absorb substantially any remaining product contained in the reservoir when the device is moved from the closed position to the open position.

149. The device of claim 148, wherein the application member is configured to absorb the remaining product via expansion of the application member from the at least partially compressed configuration to a substantially uncompressed configuration.

150. The device of claim 144, wherein the application member is attached to the second portion by at least one of bonding, welding, and clipping.

151. The device of claim 144, wherein the application member comprises a compressible porous material.

152. The device of claim 151, wherein the application member is made of at least one of an open-cell foam, a semi-open-cell foam, a felt, and a frit.

153. The device of claim 151, wherein the application member is made from a material chosen from polyurethanes, polyesters, polyethers, polyvinyl chlorides, and ethylene vinyl acetates.

154. The device of claim 151, wherein the porous material is one of hydrophilic and lipophilic.

155. The device of claim 151, wherein the application member comprises an additive capable of absorbing at least one of water and oil.

156. The device of claim 151, wherein the application member comprises a preservative.

157. The device of claim 151, wherein the first portion defines a recess.

158. The device of claim 157, wherein the substantially closed reservoir comprises the recess and at least a part of the second portion.

159. The device of claim 157, wherein the first portion comprises a housing portion defining the recess.

160. The device of claim 144, wherein the first portion is made of at least one of a metallic material, a metalloplastic complex, and a thermoplastic material.

161. The device of claim 160, wherein the metallic material comprises aluminum.

162. The device of claim 160, wherein the thermoplastic material is chosen from polyethylenes, polypropylenes, polyethylene terephthalates, polyvinyl chlorides, polyacrylates, and polyamides.

163. The device of claim 144, wherein the first portion is made by one of pressing, thermoforming, and injection molding.

164. The device of claim 144, wherein the second portion is attached to the first portion.

165. The device of claim 164, wherein the second portion is one of clipped, screwed, and hinged to the first portion.

166. The device of claim 144, wherein the second portion comprises a lid.

167. The device of claim 166, wherein the lid is formed by molding a thermoplastic material.

168. The device of claim 167, wherein the thermoplastic material is chosen from polyethylenes, polypropylenes, polyethylene terephthalates, polyvinyl chlorides, and polyamides.

169. The device of claim 144, wherein the second portion comprises a film seal formed of at least one layer of at least one of a thermoplastic material, a metallic material, and a metalloplastic complex.

170. The device of claim 169, wherein the thermoplastic material is chosen from polyethylenes, polypropylenes, polyethylene terephthalates, and polyvinyl chlorides.

171. The device of claim 169, wherein the metallic material is chosen from aluminums, aluminum alloys, and brasses.

172. The device of claim 169, wherein the film seal has a flexibility such that it is configured to deform with the application member during application of product to a surface.

173. The device of claim 169, wherein the film seal is attached to the first portion by one of hot bonding, cold bonding, and welding.

174. The device of claim 169, wherein the film seal is attached to the first portion by one of a line of welding and a line of adhesive that substantially continuously surrounds the application member.

175. The device of claim 144, wherein the first portion and the second portion each comprise a sheet.

176. The device of claim 175, wherein each sheet comprises at least one layer made of at least one of a thermoplastic material, a metallic material, and a metalloplastic complex.

177. The device of claim 176, wherein the thermoplastic material is chosen from polyethylenes, polypropylenes, polyethylene terephthalates, and polyvinyl chlorides.

178. The device of claim 177, wherein the metallic material is chosen from aluminums, aluminum alloys, and brasses.

179. The device of claim 175, wherein the sheets are superposed and attached together along their respective peripheral regions.

180. The device of claim 179, wherein the sheets form a sachet.

181. The device of claim 179, wherein the device is placed in the open position by separating the first portion and the second portion from one another.

182. The device of claim 144, wherein the product is chosen from a make-up product and a care product.

183. The device of claim 182, wherein the product is a cosmetic product.

184. The device of claim 144, wherein the product is intended for application to at least one of skin, hair, a fingernail, and a toenail.

185. The device of claim 144, wherein the product comprises one of a liquid, a gel, a cream, and a powder.

186. An application system comprising:
a plurality of the devices of claim 144.

187. The system of claim 186, wherein the plurality of devices are removably joined together.

188. The system of claim 187, wherein the plurality of devices are joined together by at least one frangible portion.

189. The system of claim 186, wherein each of the devices contains a differing product.

190. The system of claim 186, wherein each of the devices contains substantially the same product.

191. The system of claim 186, wherein the product is intended for application to one of hair, skin, a fingernail, and a toenail.

192. The system of claim 186, wherein the product is chosen from a make-up product and a care product.

193. The system of claim 192, wherein the product is a cosmetic product.

194. The system of claim 186, wherein the product comprises one of a liquid, a gel, a cream, and a powder.

195. An application system comprising:

the device of claim 144; and

a container configured to contain a product intended to be disposed in the reservoir.

196. The system of claim 195, wherein the container is configured to contain an amount of product greater than an amount of product the reservoir is configured to contain.

197. The system of claim 195, wherein the device is removably attachable to the container.

198. The system of claim 195, wherein the container contains the product intended to be disposed in the reservoir.

199. The system of claim 198, wherein the product is chosen from a make-up product and a care product.

200. The system of claim 199, wherein the product is a cosmetic product.

201. The system of claim 195, wherein the product is intended for application to one of skin, hair, a fingernail, and a toenail.

202. The system of claim 195, wherein the product comprises one of a liquid, a gel, a cream, and a powder.

203. A method for applying a product to a surface, the method comprising:
providing the device of claim 144;
moving the device from the closed position to the open position; and
placing the application member in contact with the surface so as to apply product to the surface.

204. The method of claim 203, wherein the product is chosen from a make-up product and a care product.

205. The method of claim 204, wherein the product is a cosmetic product.

206. The method of claim 203, wherein the product comprises one of a liquid, a gel, a cream, and a powder.

207. The method of claim 203, wherein the placing of the application member in contact with the surface comprises placing the application member in contact with one of hair, skin, a fingernail, and a toenail.

208. The method of claim 203, wherein the placing of the application member in contact with the surface comprises applying substantially all of the product disposed in the reservoir to the surface.

209. The method of claim 203, wherein the moving of the device from the closed position to the open position comprises expanding the application member from the at least partially compressed configuration to a substantially uncompressed configuration.

210. The method of claim 209, wherein the application member is configured to absorb at least some of the product disposed in the reservoir when the device is in the closed position, and wherein the expanding of the application member permits the application member to absorb substantially all of any remaining amount of product in the reservoir.

211. The method of claim 203, further comprising at least partially filling the reservoir with the product.

212. The method of claim 211, wherein the filling of the reservoir with the product is performed by other than a user of the device.

213. The method of claim 211, wherein the filling of the reservoir with the product is performed by the user of the device.

214. The method of claim 211, further comprising at least partially refilling the reservoir with product after the applying of the product to the surface.